

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------|------------------|---------|------------------|
| S1 | 168 | secure hash function | USPAT | NEAR | ON | 2007/01/29 10:02 |
| S2 | 14 | S1 and matr\$4 | USPAT | NEAR | ON | 2007/01/29 08:31 |
| S3 | 41 | "6275599" | USPAT | NEAR | ON | 2007/01/29 08:33 |
| S4 | 141 | "5673316" | USPAT | NEAR | ON | 2007/01/29 08:34 |
| S5 | 9 | "5651069" | USPAT | NEAR | ON | 2007/01/29 08:47 |
| S6 | 155 | "3962539" | USPAT | NEAR | ON | 2007/01/29 08:49 |
| S7 | 424 | "4200770" | USPAT | NEAR | ON | 2007/01/29 08:53 |
| S8 | 314 | "4218582" | USPAT | NEAR | ON | 2007/01/29 08:54 |
| S9 | 110 | "4309569" | USPAT | NEAR | ON | 2007/01/29 08:54 |
| S10 | 9 | "4309569" not (S8 or S7 or S6 or S5 or S4 or S3 or "20") | USPAT | NEAR | ON | 2007/01/29 08:56 |
| S11 | 752 | "4405829" NOT S10 | USPAT | NEAR | ON | 2007/01/29 08:57 |
| S12 | 0 | "4405829.PN." NOT S10 | USPAT | NEAR | ON | 2007/01/29 08:57 |
| S13 | 1 | "4405829".PN. | USPAT | NEAR | ON | 2007/01/29 08:58 |
| S14 | 71 | "4625076" NOT S10 | USPAT | NEAR | ON | 2007/01/29 09:02 |
| S15 | 223 | "4748668" NOT S14 | USPAT | NEAR | ON | 2007/01/29 09:03 |
| S16 | 79 | "4748668" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14) | USPAT | NEAR | ON | 2007/01/29 09:04 |
| S17 | 33 | "4850017" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16) | USPAT | NEAR | ON | 2007/01/29 09:07 |
| S18 | 0 | "4850017" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17) | USPAT | NEAR | ON | 2007/01/29 09:08 |
| S19 | 41 | "4908861" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17) | USPAT | NEAR | ON | 2007/01/29 09:09 |
| S20 | 4 | "4995982" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19) | USPAT | NEAR | ON | 2007/01/29 09:10 |
| S21 | 42 | "5140634" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20) | USPAT | NEAR | ON | 2007/01/29 09:13 |
| S22 | 11 | "5214703" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21) | USPAT | NEAR | ON | 2007/01/29 09:14 |
| S23 | 43 | "5231668" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22) | USPAT | NEAR | ON | 2007/01/29 09:19 |

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| S24 | 46 | "5276737" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23) | USPAT | NEAR | ON | 2007/01/29 09:22 |
| S25 | 97 | "3798359" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24) | USPAT | NEAR | ON | 2007/01/29 09:24 |
| S26 | 30 | "4386233" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25) | USPAT | NEAR | ON | 2007/01/29 09:26 |
| S27 | 23 | "4424414" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26) | USPAT | NEAR | ON | 2007/01/29 09:27 |
| S28 | 22 | "4567600" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27) | USPAT | NEAR | ON | 2007/01/29 09:28 |
| S29 | 14 | "4633036" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28) | USPAT | NEAR | ON | 2007/01/29 09:29 |
| S30 | 20 | "4881264" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28) | USPAT | NEAR | ON | 2007/01/29 09:30 |
| S31 | 5 | "956863" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30) | USPAT | NEAR | ON | 2007/01/29 09:31 |
| S32 | 48 | "4956863" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30) | USPAT | NEAR | ON | 2007/01/29 09:32 |
| S33 | 38 | "5003597" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S32) | USPAT | NEAR | ON | 2007/01/29 09:36 |

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| S34 | 47 | "5016274" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S32 or S33) | USPAT | NEAR | ON | 2007/01/29 09:37 |
| S35 | 47 | "5016274" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S32 or S33) | USPAT | NEAR | ON | 2007/01/29 09:38 |
| S36 | 11 | "5299262" NOT (S8 or S7 or S6 or S5 or S4 or S3 or S14 OR S16 OR S17 OR S19 OR S20 OR S21 OR S22 or S23 or S24 or S25 or S26 or S27 or S28 or S29 or S30 or S32 or S33) | USPAT | NEAR | ON | 2007/01/29 09:38 |
| S37 | 168 | secure hash function | USPAT | NEAR | ON | 2007/01/29 09:39 |
| S38 | 442 | stream ciphers | USPAT | NEAR | ON | 2007/01/29 09:39 |
| S39 | 0 | graph cryptographic primitive | USPAT | NEAR | ON | 2007/01/29 09:40 |
| S40 | 67749 | (collision or resistant hash function or stream cipher) | USPAT | NEAR | ON | 2007/01/29 09:42 |
| S41 | 117 | collision (resistant or free) hash function | USPAT | NEAR | ON | 2007/01/29 09:43 |
| S42 | 69 | S41 and (block or stream) cipher | USPAT | NEAR | ON | 2007/01/29 09:55 |
| S43 | 0 | matrix based hash function | USPAT | NEAR | ON | 2007/01/29 10:02 |
| S44 | 1 | matrix hash function | USPAT | NEAR | ON | 2007/01/29 10:07 |
| S45 | 10131 | hash function | USPAT | AND | ON | 2007/01/29 10:15 |
| S46 | 190 | S45 stream adj cipher | USPAT | AND | ON | 2007/01/29 10:16 |
| S47 | 150 | S46 table | USPAT | AND | ON | 2007/01/29 10:16 |
| S48 | 69 | S47 matrix | USPAT | AND | ON | 2007/01/29 11:13 |
| S49 | 10131 | hash function | USPAT | AND | ON | 2007/01/29 11:16 |
| S50 | 443806 | secure | USPAT | AND | ON | 2007/01/29 11:16 |
| S51 | 3827 | S49 secure | USPAT | AND | ON | 2007/01/29 11:16 |
| S52 | 1226 | S51 and fast | USPAT | AND | ON | 2007/01/29 11:16 |
| S53 | 91006 | "53" index | USPAT | AND | ON | 2007/01/29 11:17 |
| S54 | 131921 | "52" index | USPAT | AND | ON | 2007/01/29 11:17 |
| S55 | 646 | S52 index | USPAT | AND | ON | 2007/01/29 11:17 |
| S56 | 21284 | S53 matr\$3 | USPAT | AND | ON | 2007/01/29 11:18 |
| S57 | 194 | S55 matr\$3 | USPAT | AND | ON | 2007/01/29 11:19 |
| S58 | 0 | S57 grap table | USPAT | AND | ON | 2007/01/29 11:18 |

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|-----|------|--|------------------------------|------|----|------------------|
| S59 | 0 | S57 grap | USPAT | AND | ON | 2007/01/29 11:18 |
| S60 | 135 | S57 not S48 | USPAT | AND | ON | 2007/01/29 11:20 |
| S61 | 609 | cryptographic primitive | USPAT | AND | ON | 2007/01/29 11:21 |
| S62 | 92 | S61 collision near (resistant or free) | USPAT | AND | ON | 2007/01/29 11:39 |
| S63 | 0 | colision (free or resistant) hash function | USPAT | ADJ | ON | 2007/01/29 11:39 |
| S64 | 0 | colision (free or resistant) hash function | USPAT | NEAR | ON | 2007/01/29 11:39 |
| S65 | 0 | colision (free or resistant) hash function | USPAT | AND | ON | 2007/01/29 11:40 |
| S66 | 117 | collision (free or resistant) hash function | USPAT | NEAR | ON | 2007/01/29 13:15 |
| S67 | 2 | advance encryption standard and hash function | USPAT | NEAR | ON | 2007/01/29 13:16 |
| S68 | 5 | ("20020039418" "20030031316" "5928315" "5982900" "6064740").PN. OR ("7027597").URPN. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:21 |
| S69 | 1 | matrix graph and block function | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:28 |
| S70 | 1 | "20050175176" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:30 |
| S71 | 6221 | block function | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:30 |
| S72 | 0 | S71 advanced encryption standard | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:31 |
| S73 | 20 | S71 and advanced encryption standard | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:40 |
| S74 | 1690 | encryption algorithm and (matr\$3 or graph) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:43 |
| S75 | 439 | S74 and hash function | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:46 |
| S76 | 427 | S75 and (block or stream) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:01 |
| S77 | 1 | S76 and monoid | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 13:47 |

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| S78 | 3 | "6862354" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:02 |
| S79 | 7 | "5892829" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:12 |
| S80 | 35 | "4944009" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:15 |
| S81 | 95357 | matri\$3 and graph | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:15 |
| S82 | 1772184 | table | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:15 |
| S83 | 58689 | S81 and table | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:15 |
| S84 | 12 | S83 and cryptograph\$3 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/29 16:20 |
| S85 | 204 | S81 and generator matrix | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 12:59 |
| S86 | 1 | graph generated matrix | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:04 |
| S87 | 0 | matrix generated graph | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:05 |
| S88 | 0 | "380.clas" and @pd<= "2002" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:06 |
| S89 | 0 | "380.class" and @pd<= "2002" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:07 |
| S90 | 0 | "380.class." and @pd<= "2002" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:08 |
| S91 | 0 | "380".clas. and @pd<= "2002" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:09 |
| S92 | 14461 | "380".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:09 |

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| S93 | 8835 | S92 and @pd <"20021201" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:10 |
| S94 | 44 | S93 and secure hash function | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:20 |
| S95 | 32 | S93 and matrix and AES | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:11 |
| S96 | 3 | S93 and (graph and matrix and AES) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:34 |
| S97 | 14461 | "380".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:35 |
| S98 | 1676 | S97 and (hash near function) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:36 |
| S99 | 102 | S98 and (stream cipher and block cipher) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 13:59 |
| S10 0 | 16 | S98 and (graph and matrix) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:11 |
| S10 1 | 2 | S98 and (girth) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:12 |
| S10 2 | 2 | S97 and girth | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:13 |
| S10 3 | 6904 | girth | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:13 |
| S10 4 | 0 | S103 claw | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:13 |
| S10 5 | 42 | S103 and claw | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:14 |
| S10 6 | 46851 | "380".clas. or "713".clas. or "726".clas. | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:14 |
| S10 7 | 2 | S106 and girth | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:15 |

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| S10 8 | 450 | S106 and((stream and block) near cipher) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:16 |
| S10 9 | 176 | S108 and (hash near function) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 14:17 |
| S11 0 | 74 | S109 not S99 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 16:00 |
| S11 1 | 36 | "6289455" | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 16:20 |
| S11 2 | 325 | secure hash function | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 16:21 |
| S11 3 | 265 | S112 and (@pd<"20040101" or @ad<"20040101" or @prad<"20040101" or @rlad<"20040101") | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 16:22 |
| S11 4 | 30 | S113 and matrix | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 16:24 |
| S11 5 | 11 | S113 and (block cipher and stream cipher) | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/30 16:29 |
| S11 6 | 22 | S113 and aes | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/31 09:34 |
| S11 7 | 9 | secure stream cipher | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/01/31 09:35 |